



Crop Weather Report



Issue: 07-04 Issued: Weekly: Apr-Oct Monthly: Nov-Mar Montana Field Office • 10 W 15th St, Suite 3100 • Helena, MT 59626 (406) 441-1240 • (406) 441-1250 FAX • www.nass.usda.gov/mt

Released: April 2, 2007 For the Week Ending: April 1, 2007

Agricultural Summary

Montana received above normal precipitation for the week ending April 1st. Ekalaka had 2.27 inches of accumulated moisture for the week, the most in the state. On March 27th, Dillon, Wisdom, Townsend, Lewistown, and Havre set daily precipitation records of 0.55, 0.64, 0.24, 0.90, and 0.71 inches, respectively. Wisdom experienced 3.0 inches of snowfall on March 27th, setting a record for that date. Billings set a snowfall record of 7.5 inches on March 30th, breaking the old record of 3.7 inches for that date in 1989. Glendive had the high temperature of 80 degrees for the week, while Cascade had the low of 2 degrees. Topsoil moisture adequate and surplus is 80 percent, ahead of last year's 76 percent and last week's 65 percent. Subsoil moisture adequate and surplus is 56 percent, ahead of last year's 49 percent and last week's rating of 50 percent.

The weather outlook for April 9th through the 15th is for above normal temperatures and near normal precipitation east of the continental divide and for both above normal temperatures and precipitation west of the divide. Normal temperatures for this period in the state are for highs in the mid 40s to the mid 50s and for lows in the upper teens to the lower 30s.

| Soil Moisture Condition | This Week | Last Week | Last Year |
|----------------------------|--------------|--------------|--------------|
| Topsoil Moisture | | | |
| Very Short | 2 | 11 | 4 |
| Short | 18 | 24 | 20 |
| Adequate | 71 | 60 | 70 |
| Surplus | 9 | 5 | 6 |
| Subsoil Moisture | | | |
| Very Short | 10 | 10 | 14 |
| Short | 34 | 40 | 37 |
| Adequate | 53 | 47 | 48 |
| Surplus | 3 | 3 | 1 |

| Field Work Table | This Week | Last Week | Last Year | | | | | | |
|--------------------------------|--------------|--------------|--------------|--|--|--|--|--|--|
| Days Suitable for Field Work | | | | | | | | | |
| Days | 2.8 | n/a | 2.0 | | | | | | |
| Field Tillage Work in Progress | | | | | | | | | |
| None | 74 | n/a | 87 | | | | | | |
| Just Started | 20 | n/a | 7 | | | | | | |
| Well Underway | 6 | n/a | 6 | | | | | | |

Field Crops Report

Warm weather has given producers an earlier opportunity to start planting spring crops. Recent rain and snowfall has substantially improved topsoil and subsoil moisture conditions. Forty-eight percent of winter wheat is greening and growing, ahead of last year's 9 percent. Winter wheat condition good and excellent is rated 70 percent compared with last year's 42 percent.

| Crop Progress Table | This Week | Last Week | Last Year | | | | | | |
|------------------------------|--------------|--------------|--------------|--|--|--|--|--|--|
| Winter Wheat - Condition | | | | | | | | | |
| Very poor | 0 | 0 | 1 | | | | | | |
| Poor | 3 | 4 | 8 | | | | | | |
| Fair | 27 | 25 | 49 | | | | | | |
| Good | 57 | 61 | 36 | | | | | | |
| Excellent | 13 | 10 | 6 | | | | | | |
| Winter Wheat – Spring Stages | | | | | | | | | |
| Still Dormant | 13 | 31 | 49 | | | | | | |
| Greening | 39 | 55 | 42 | | | | | | |
| Greening and Growing | 48 | 14 | 9 | | | | | | |
| Spring Wheat | | | | | | | | | |
| Planted | 4 | n/a | 1 | | | | | | |
| Barley | | | | | | | | | |
| Planted | 9 | n/a | 5 | | | | | | |
| Oats | | | | | | | | | |
| Planted | 2 | n/a | 1 | | | | | | |

Livestock Report

Both moisture and warm weather have improved range and pasture feed conditions from a year ago. Reports indicate a few spring pastures have opened up and livestock are being moved to those pastures for grazing. Fewer cattle and sheep are receiving supplemental feed compared to last week. Sixty-two percent of calving and 39 percent of lambing are complete compared to 52 and 31 percent last week, respectively.

| Livestock Table | This Week | Last Week | Last Year | | | | | | |
|----------------------------------|--------------|--------------|--------------|--|--|--|--|--|--|
| Range and Pasture Feed Condition | | | | | | | | | |
| Very poor | 2 | n/a | 2 | | | | | | |
| Poor | 18 | n/a | 15 | | | | | | |
| Fair | 42 | n/a | 55 | | | | | | |
| Good | 29 | n/a | 24 | | | | | | |
| Excellent | 9 | n/a | 4 | | | | | | |
| Receiving Supplemental Feed | | | | | | | | | |
| Cattle & Calves | 89 | 93 | 90 | | | | | | |
| Sheep & Lambs | 91 | 92 | 93 | | | | | | |
| Livestock Grazing | | | | | | | | | |
| Open | 70 | 83 | 81 | | | | | | |
| Difficult | 15 | 6 | 10 | | | | | | |
| Closed | 15 | 11 | 9 | | | | | | |
| Livestock Calving | | | | | | | | | |
| Calving Completed | 62 | 52 | 61 | | | | | | |
| Lambing Completed | 39 | 31 | 43 | | | | | | |

Weather Information for the Week ending 04/01/2007

| | on for the week ending 04/01/200 | | | This Week | | Precipitation | | October 1 to Date | | | | | |
|--------------------------------|----------------------------------|----------------|-----------|-----------|------------------|---------------|----------------|-------------------|----------------|------------|---------------|------------------|--------------|
| Station ID | Te Hi | mperatu LOW | re AVG | GD B50 | Ds DFN | This \ Total | Week DFN | Ap Total | oril 1 to Da | te %NRM | Octo Total | ober 1 to DFN | Date %NRM |
| NORTHWEST Alberton | 61 | 24 | 41 | 0 | -6 | 0.61 | +0.40 | 0.01 | -0.02 | 33 | 10.62 | +4.88 | 185 |
| Anaconda | 55 | 13 | 37 | 0 | +0 | 0.75 | +0.54 | 0.08 | +0.05 | 267 | 6.20 | +1.88 | 144 |
| Clinton | 57 | 18 | 38 | 0 | -6 | 0.62 | +0.41 | 0.13 | +0.10 | 433 | 8.85 | +3.11 | 154 |
| Corvallis Creston | 56 55 | 20 23 | 41 41 | 0 | -6 +0 | 0.20 0.05 | -0.01 -0.26 | 0.01 0.03 | -0.02 -0.01 | 33 75 | 2.85 4.68 | -2.91 -3.61 | 49 56 |
| Deer Lodge | 57 | 16 | 36 | ŏ | +0 | 0.23 | +0.09 | 0.03 | -0.01 | 50 | 3.27 | +0.38 | 113 |
| Drummond | 57 | 15 | 37 | 0 | +0 | 0.41 | +0.20 | 0.10 | +0.07 | 333 | 3.84 | -1.05 | 79 |
| Hamilton Kalispell | 58 56 | 26 23 | 42 41 | 0 | -6 +0 | 0.41 0.12 | +0.20 -0.09 | 0.16 0.04 | +0.13 +0.01 | 533 133 | 4.14 5.94 | -1.62 -1.64 | 72 78 |
| Missoula | 58 | 23 | 43 | ŏ | -6 | 0.12 | -0.03 | 0.04 | -0.02 | 33 | 5.51 | -0.23 | 96 |
| Olney | 56 | 17 | 36 | 0 | +0 | 0.16 | -0.12 | 0.03 | -0.01 | 75 | 11.73 | -0.66 | 95 |
| Polson St Ignatius | 56 58 | 23 25 | 41 42 | 0 | -6 -6 | 0.19 0.28 | -0.09 +0.00 | 0.11 0.09 | +0.07 +0.05 | 275 225 | 4.96 5.44 | -1.69 -0.84 | 75 87 |
| Seeley Lake | 63 | 16 | 40 | ŏ | +0 | 0.28 | -0.18 | 0.03 | -0.02 | 60 | 10.57 | -0.84 -1.77 | 86 |
| Sula | 59 | 15 | 39 | 0 | +0 | 0.60 | +0.33 | 0.06 | +0.03 | 200 | 5.44 | -0.88 | 86 |
| Superior Swan Lake | 65 59 | 24 21 | 44 38 | 0 | -7 +0 | 0.20 0.41 | -0.08 +0.01 | 0.01 0.21 | -0.03 +0.15 | 25 350 | 9.82 15.96 | +1.21 -0.16 | 114 99 |
| Thompson Falls | 60 | 25 | 36 40 | 0 | +0 -7 | 0.41 | +0.01 | 0.21 | +0.15 | 200 | 17.63 | -0.16 +3.77 | 127 |
| West Glacier | 59 | 21 | 40 | Ö | +0 | 0.08 | -0.27 | 0.00 | -0.05 | 0 | 16.79 | +0.90 | 106 |
| NORTH CENTRAL | 00 | 44 | 00 | | 1 | 0.00 | 0.44 | 0.00 | 0.00 | • | 0.74 | . 4 04 | 454 |
| Chester Chinook | 66 71 | 11 23 | 38 40 | 0 2 | -7 -5 | 0.03 0.97 | -0.11 +0.83 | 0.00 0.05 | -0.02 +0.03 | 0 250 | 3.74 3.84 | +1.31 +1.08 | 154 139 |
| Choteau | 61 | 6 | 37 | 0 | -7 | 0.12 | -0.02 | 0.03 | +0.00 | 100 | 1.73 | -0.26 | 87 |
| Cut Bank | 62 | 12 | 39 | 0 | -7 | 0.03 | -0.11 | 0.00 | -0.02 | 0 | 0.48 | -1.87 | 20 |
| Ft Assinniboine Fort Benton | 71 72 | 18 15 | 40 40 | 1 0 | -6 -8 | 0.81 0.36 | +0.65 +0.15 | 0.05 0.10 | +0.03 +0.07 | 250 333 | 3.56 4.43 | +0.52 +0.28 | 117 107 |
| Goldbutte | 57 | 15 | 39 | 0 | -7 | 0.15 | +0.15 | 0.10 | +0.07 | 400 | 4.43 4.20 | +0.28 +1.43 | 152 |
| Harlem | 64 | 21 | 40 | 0 | -7 | 0.72 | +0.59 | 0.01 | -0.01 | 50 | 3.02 | +0.39 | 115 |
| Havre Malta | 71 67 | 19 23 | 41 44 | 0 6 | -7 -1 | 0.84 0.33 | +0.66 +0.19 | 0.03 0.00 | +0.01 -0.02 | 150 0 | 3.42 2.78 | +0.41 +0.13 | 114 105 |
| Rudyard | 70 | 12 | 38 | ŏ | -1 -7 | 0.33 | -0.02 | 0.00 | -0.02 | 0 | 3.31 | -0.09 | 97 |
| Shelby | 57 | 7 | 37 | 0 | -7 | 0.06 | -0.08 | 0.00 | -0.02 | 0 | 3.40 | +1.01 | 142 |
| Turner Valier | 64 62 | 15 11 | 40 40 | 0 | -7 -7 | 0.35 0.12 | +0.21 -0.02 | 0.02 0.02 | +0.00 +0.00 | 100 100 | 1.85 1.96 | -0.80 -0.43 | 70 82 |
| NORTHEAST | | | | 0 | | 0.12 | -0.02 | | | 100 | | | |
| Bredette | 59 | 16 | 37 | 0 | -7 | 0.51 | +0.37 | 0.00 | -0.02 | 0 | 3.03 | +0.72 | 131 |
| Culbertson Glasgow | 76 74 | 22 20 | 41 43 | 7 10 | +0 +3 | 1.04 0.07 | +0.90 -0.06 | 0.00 0.00 | -0.02 -0.01 | 0 0 | 3.31 2.11 | +0.56 -0.22 | 120 91 |
| Glendive | 80 | 24 | 45 | 21 | +14 | 1.20 | +1.01 | 0.00 | -0.03 | Ö | 3.31 | +0.30 | 110 |
| Jordan | 76 | 25 | 44 | 10 | +0 | 0.05 | -0.12 | 0.00 | -0.03 | 0 | 2.31 | -0.71 | 76 |
| Nashua Opheim | 71 67 | 23 11 | 44 39 | 8 0 | +1 -6 | 0.13 0.44 | +0.00 +0.37 | 0.00 0.00 | -0.01 -0.01 | 0 0 | 2.52 1.99 | +0.19 -0.05 | 108 98 |
| Plentywood | 57 | 23 | 40 | 0 | -0 -7 | 0.77 | +0.63 | 0.00 | -0.02 | 0 | 2.34 | -0.03 | 99 |
| St Marie | 68 | 22 | 42 | 2 | -5 | 0.41 | +0.28 | 0.00 | -0.01 | 0 | 1.52 | -0.81 | 65 |
| Scobey Sidney | 62 78 | 23 22 | 40 42 | 0 11 | -7 +4 | 0.73 0.58 | +0.59 +0.40 | 0.00 0.00 | -0.02 -0.03 | 0 0 | 2.32 2.50 | +0.01 -0.67 | 100 79 |
| Wolf Point | 78 | 22 | 43 | 13 | +6 | 0.70 | +0.49 | 0.00 | -0.03 | 0 | 1.65 | -1.81 | 48 |
| CENTRAL | F-7 | | 20 | 0 | • | 0.40 | .0.10 | 0.11 | . 0. 00 | 207 | 4.10 | . 0. 00 | 110 |
| Cascade Grass Range | 57 66 | 2 23 | 36 41 | 0 0 | -6 -7 | 0.40 0.74 | +0.19 +0.52 | 0.11 0.03 | +0.08 +0.00 | 367 100 | 4.16 5.96 | +0.38 +1.75 | 110 142 |
| Great Falls | 69 | 12 | 40 | 0 | -7 | 0.20 | -0.08 | 0.00 | -0.04 | 0 | 4.59 | -0.32 | 93 |
| Harlowton | 72 67 | 18 21 | 38 | 0 1 | -7 -6 | 0.76 0.12 | +0.61 | 0.00 | -0.02 -0.03 | 0 | 4.69 | +1.28 -0.36 | 138 90 |
| Helena Lewistown | 69 | 15 | 43 38 | Ó | -6 | 1.09 | -0.09 +0.88 | 0.00 0.00 | -0.03 -0.03 | 0 0 | 3.11 5.27 | -0.36 -0.13 | 98 |
| Martinsdale | 59 | 15 | 38 | 0 | -6 | 0.45 | +0.31 | 0.00 | -0.02 | 0 | 3.67 | +0.32 | 110 |
| Neihart | 53 63 | 4 8 | 34 36 | 0 0 | -6 -7 | 1.11 0.24 | +0.82 | 0.05 | +0.01 -0.02 | 125 | 9.45 4.65 | +2.92 +1.34 | 145 140 |
| Rogers Pass Roundup | 72 | o 24 | 46 | 8 | -/ +1 | 0.24 | +0.07 +0.66 | 0.00 0.15 | -0.02 +0.13 | 0 750 | 4.60 | +1.54 +1.55 | 151 |
| Ryegate | 73 | 18 | 38 | 0 | -6 | 0.05 | -0.09 | 0.00 | -0.02 | 0 | 4.32 | +1.16 | 137 |
| Stanford | 57 57 | 14 20 | 35 40 | 0 | -7 -7 | 0.68 0.42 | +0.47 | 0.04 0.18 | +0.01 +0.16 | 133 900 | 4.74 3.15 | +0.48 +0.27 | 111 109 |
| Townsend Valentine | 72 | 25 | 41 | 2 | - <i>1</i> -5 | 0.42 | +0.28 +0.48 | 0.18 | +0.16 | 150 | 3.13 4.47 | +0.27 | 132 |
| Wht Sulphur Spr | 53 | 9 | 37 | Ō | +0 | 0.40 | +0.19 | 0.08 | +0.05 | 267 | 2.97 | -2.66 | 53 |
| SOUTHWEST Boulder | 68 | 15 | 39 | 0 | -6 | 0.35 | +0.21 | 0.09 | +0.07 | 450 | 3.29 | +0.16 | 105 |
| Bozeman | 70 | 12 | 39 | 1 | -6 | 1.11 | +0.76 | 0.09 | +0.07 | 980 | 10.97 | +4.43 | 168 |
| Butte | 59 | 14 | 37 | 0 | +0 | 0.34 | +0.13 | 0.04 | +0.01 | 133 | 3.99 | +0.62 | 118 |
| Dillon Ennis | 63 64 | 16 17 | 38 38 | 0 | -6 -6 | 0.84 0.64 | +0.70 +0.43 | 0.01 0.05 | -0.01 +0.02 | 50 167 | 3.46 5.50 | +1.14 +1.94 | 149 154 |
| Lakeview | 58 | 19 | 38 | 0 | +0 | 0.45 | +0.03 | 0.03 | +0.01 | 117 | 6.93 | -1.23 | 85 |
| W Yellowstone | 54 | 9 | 34 | 0 | +0 | 0.06 | -0.29 | 0.00 | -0.05 | 0 | 6.94 | -4.30 | 62 |
| Wisdom SOUTH CENTRAL | 56 | 5 | 36 | 0 | +0 | 0.75 | +0.61 | 0.07 | +0.05 | 350 | 5.91 | +2.10 | 155 |
| Billings | 71 | 25 | 41 | 8 | +1 | 1.25 | +0.93 | 0.09 | +0.04 | 180 | 5.93 | +0.41 | 107 |
| Cooke City | 60 | 17 21 | 37 | 0 | +0 | 0.67 | +0.25 | 0.21 | +0.15 | 350 | 6.10 | -5.78 +0.35 | 51 110 |
| Gardiner Hardin | 63 78 | 21 24 | 42 43 | 0 20 | -7 +13 | 0.10 2.20 | -0.04 +1.91 | 0.00 0.00 | -0.02 -0.05 | 0 0 | 3.82 5.38 | +0.35 -0.17 | 110 97 |
| Huntley | 76 | 19 | 42 | 9 | +2 | 0.82 | +0.57 | 0.11 | +0.07 | 275 | 4.90 | +0.68 | 116 |
| Hysham | 75 67 | 18 | 43 | 16 | +9 | 1.66 | +1.45 | 0.00 | -0.03 +0.13 | 340 | 5.19 | +1.52 +0.73 | 141 |
| Joliet Livingston | 67 69 | 14 18 | 37 40 | 1 2 | -6 -5 | 0.96 0.86 | +0.62 +0.64 | 0.17 0.15 | +0.12 +0.12 | 340 500 | 6.04 6.22 | +0.73 +1.76 | 114 139 |
| Nye | 64 | 17 | 38 | 0 | -7 | 0.90 | +0.68 | 0.43 | +0.40 | 1433 | 5.65 | +1.19 | 127 |
| Rapelje | 63 | 18 | 40 | 0 | -7 | 0.50 | +0.22 | 0.27 | +0.23 | 675 | 4.65 | -0.25 | 95 |
| SOUTHEAST Albion | 79 | 21 | 41 | 13 | +7 | 2.08 | +1.87 | 0.00 | -0.03 | 0 | 4.37 | +1.10 | 134 |
| Baker | 75 | 20 | 42 | 15 | +8 | 1.06 | +0.85 | 0.00 | -0.03 | 0 | 3.61 | +0.08 | 102 |
| Broadus | 76 73 | 19 10 | 42 | 17 | +10 +2 | 1.26 | +1.02 +2.03 | 0.00 | -0.04 0.04 | 0 | 4.35 | +0.36 +1.44 | 109 135 |
| Ekalaka Miles City | 73 78 | 19 21 | 40 43 | 9 19 | +2 +12 | 2.27 1.13 | +2.03 +0.93 | 0.00 0.00 | -0.04 -0.03 | 0 0 | 5.50 2.80 | +1.44 -0.93 | 135 75 |
| Plevna | 62 | 21 | 40 | 2 | -5 | 1.17 | +0.96 | 0.00 | -0.03 | 0 | 4.35 | +0.82 | 123 |
| Compiled by AWIS Inc | c. based | on NW | S data. | DFN-D | Departi | ire from | normal 1 | 961-199 | 0. GDD-C | irowing d | egree da | iys | |